

Vivek Prabhakar Gawai

3rd March 1997, Maharashtra, India.

Email: vivekgawai8630@gmail.com Whats App: [7038231055](https://www.whatsapp.com/channel/002997038231055)

LinkedIn Id: <https://www.linkedin.com/in/vivek-gawai-4a3b2121b>

Education:

Bachelors of Engineering -Mechanical

Shri Sant Gajanan Maharaj College of Engineering, Shegaon-444203/

CGPA-7.89 Pass out Year: 2019

Technical Skills

- AutoCAD (LinkedIn learning)
- SOLIDWORKS (Indo German Tool Room Aurangabad)
- Geometric Dimensions and tolerancing (Mechatol Engineering Solutions, Pune)
- Basic Electronics and Mechatronics System Design
- Bill of Material (BOM)
- Microsoft Office
- CNC Programming
- C Programming

Academics Project

I. Design and Manufacturing of All Terrain Vehicle (ATV) for SAEINDIA Baja:

Secured 60th rank in Virtual and 9th in final endurance round all over the India.

Worked as power Train Head and supporting member for electronics system Design

Different manufacturing process associated with project.

II. Automatic Coil Winding Machine (SPM):

Built a final year project for electrical workshop. **Accurate** number of turns for alternator

Improved accuracy up to 90%. Microcontroller used as Arduino and IR Sensor for measuring

III. Waste Plastic Bottle Collecting Machine:

This Project is designed for Ignited Innovation of India (I2I), Pune competition. Used to reduce plastic bottle scam and public awareness. Implemented in college campus. This machine automatically collect bottle, used weighing sensor and IR sensor.

IV. Solar Mini Inverter

Automatic charging with auto cut off for battery protection.Auto Light ON/OFF System.

Training Undertaken

1. 15 days internship at Yeshwant Industries, Aurangabad.
2. 2 days project-based training on IC Engine (Skify Lab).
- 3.

Personal Experience:

1. Power Train Head and supporting member of Electronics System Design for SAEINDIA Baja (October 2018 to March 2019)

- Designed gear box and worked with total power train system
- Project planning and control.
- Make Availability of parts and cost estimation.
- Designed Hydraulic Brake System and implement in Vehicle.
- Designed Topple Alert System, Vehicle Monitoring Electronics system

2. Technical Executive member for Mechanical Engineering Student Association (MESA) (June 2018 to June 2019)

- Worked with college committee to organized different technical event

Achievements

- Participation certificate of SAEINDIA Baja-2019
- Distinction certificate in Assembling of IC Engine(Bajaj Pulsar)
- A grade certificate in Intermediate
- 2nd rank in science exhibition

Strength

Project Management /Verbal and nonverbal communication